

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

SECTION I

MANUFACTURER'S NAME W. L. Gore & Assoc., Inc.		EMERGENCY TELEPHONE NO.
ADDRESS (Number, Street, City, State, and ZIP Code) 1505 N. 4th St Flagstaff, Arizona 86001		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS Tetra-Etch
CHEMICAL FAMILY Sodium Aryl Radical	FORMULA	

SECTION II HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS Ether			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES Sodium Aryl Radical			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OR OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

SECTION III PHYSICAL DATA

BOILING POINT (°F.)	185	SPECIFIC GRAVITY (H ₂ O=1)	0.97
VAPOR PRESSURE (mm Hg.)	48	PERCENT VOLATILE BY VOLUME (%)	68
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____ =1)	
SOLUBILITY IN WATER			
APPEARANCE AND ODOR Very dark green Odor - Napthalene			

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	33° Open Cup	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA	Foam, Carbon Dioxide, Dry Chemical			
SPECIAL FIRE FIGHTING PROCEDURES	None			
UNUSUAL FIRE AND EXPLOSION HAZARDS				
None				

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

EFFECTS OF OVEREXPOSURE

Burns from Caustic Soda (NaOH) that is formed on contact with water from skin.

EMERGENCY AND FIRST AID PROCEDURES

Treat for Caustic Soda (NaOH) Flush with water

Report to doctor.

SECTION VI REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

Use Temperature above

STABLE

yes

85° C – Expose to flame

INCOMPATIBILITY (Materials to avoid)

Solvent will swell most rubbers and some plastic

HAZARDOUS DECOMPOSITION PRODUCTS

Contact with Water produces caustic soda (NaOH)

HAZARDOUS

POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Flush with water

WASTE DISPOSAL METHOD

Can be neutralized with water and disposed as any flammable material.

SECTION VII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

VENTILATION

LOCAL EXHAUST

X

SPECIAL

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

Yes

EYE PROTECTION

Safety Glasses

OTHER PROTECTIVE EQUIPMENT

Apron

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

If material comes in contact with skin –

flush area with water.

OTHER PRECAUTIONS